
SECTION 02936

TURF ESTABLISHMENT

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Scarify all proposed grass areas.
- B. Furnish and install required soil supplements based on topsoil tests.
- C. Seeding mechanically or by hydro seeding.
- D. Protection of all seeded areas.
- E. Maintaining seeded areas until acceptance.

1.02 RELATED WORK DESCRIBED ELSEWHERE

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| A. | Excavation, Backfilling and Compaction | Section 02220 |
| B. | Sediment and Erosion Control | Section 02275 |

1.03 REFERENCES

- A. Throughout this section the State of Connecticut Department of Transportation Standard Specification for Roads, Bridges and Incidental Construction 1995 will be referred to as "Form 814A" included thereto are any interim and supplemental specifications.

PART 2 PRODUCTS

- A. Seed Mixtures shall meet the requirements of Article M.13.04 the Form 814A.
- B. Fertilizer shall meet the requirements of Article M.13.03 of the Form 814A.
- C. Mulching material for grass seed areas shall be hay or wood fiber mulch.
- D. Water shall be potable.

PART 3 EXECUTION

3.01 GENERAL

- A. Comply with Section 9.50 of "Form 814A" and as modified herein.

3.02 SCARIFYING AND PREPARATION OF SEED BED

- A. Scarify seed bed by discing or scarifying to a minimum depth of 4 inches.
- B. Rake, prepare the seed bed and fine grade to the limits and grades shown on the Contract Drawings.

3.03 SEEDING SEASON

- A. The calendar dates for seeding shall be:
 - Spring - March 15 to June 15
 - Fall - August 15 to October 15

3.04 SEEDING METHODS

- A. Fertilizer shall be applied at a rate of 320 pounds per acre.
- B. The grass seed mixture shall be applied by any agronomically acceptable procedure at a rate of no less than 175 pounds per acre.
- C. Roll seeded area with roller not exceeding 112 pounds.
- D. Apply water with fine spray immediately after each area has been sown.

3.05 SEED PROTECTION ON SLOPES

- A. Cover seeded areas with hay at a rate sufficient to provide adequate protection.

3.06 MAINTENANCE

- A. Maintain surfaces and supply additional topsoil where necessary, including areas affected by erosion.
- B. Water to ensure uniform seed germination and to keep surface damp.

- C. Apply water slowly so that the surface of soil will not puddle and crust.
- D. Rake up and remove all straw or hay mulch prior to first cutting.
- E. Cut grass first time when it reaches height of 2- 1/2 inches.
- F. Replant damaged grass areas showing root growth failure, deterioration, bare or thin spots, and eroded areas.

3.08 RESTORATION

- A. Restore all areas damaged during execution of work of this section.
- END OF SECTION